

Listing of Claims:

This listing of claims replaces all prior versions, and listings, of claims in the application:

1. (Currently Amended): A skylight system comprising:

a tapered light tube comprising a tube comprising a top and a bottom and integral sides, said tapered light tube being ~~rectilinear~~ straight-sided along its entire length and wider at said top than at said bottom;

said light tube intersecting with a roof to stop and seal said light tube with the roof;

said light tube closed at said top and at said bottom; and

a skylight at said top of said tube.

2. (Cancelled)

3. (Previously Presented): The skylight system of claim 38 wherein said dome comprises a diffused dome.

4. (Original): The skylight system of claim 3 wherein said dome comprises a completely diffused dome on its interior.

5. (Previously Presented): The skylight system of claim 38 wherein said diffused dome comprises a prismatic diffuser.

6. (Cancelled)

7. (Previously Presented): The skylight system of claim 39 wherein said diffuser comprises

complete diffusion on its interior.

8. (Previously Presented): The skylight system of claim 39 wherein said bottom diffuser comprises a prismatic diffuser.

9. (Cancelled)

10. (Previously Presented): The skylight system of claim 39 further comprising a skylight dome at said top and wherein said tapered light tube is sealed to said skylight dome and said tapered light tube is sealed to said bottom diffuser, resulting in a completely sealed skylight system.

11. (Previously Presented): The skylight system of claim 10 wherein each of said skylight, said tapered tube and said bottom diffuser are stackable during shipping and storage with other similar components.

12. (Previously Presented): The skylight system of claim 38 wherein said dome comprises a notch system and said tapered light tube is disposed within said notch system.

13. (Previously Presented): The skylight system of claim 39 wherein said bottom diffuser comprises a notch system and said tapered light tube is disposed within said notch system.

14. (Previously Presented): The skylight system of claim 13 wherein said notch system further comprises a gasket.
15. (Original): The skylight system of claim 12 wherein said notch system further comprises a gasket.
16. (Original): The skylight system of claim 1 wherein said light tube further comprises a reflective interior.
17. (Original): The skylight system of claim 1 wherein a back of said top of said light tube is higher than a front of said top of said light tube.
18. (Currently Amended): An installed skylight system on a roof comprising:
a tapered light tube comprising a tube comprising a top and a bottom and
integral sides, said tapered light tube being straight-sided along its entire length;
said tube wider at said top than at said bottom;
said light tube intersecting with the roof to stop and seal said light tube with the
roof;
a said tapered, rectilinear light tube directly contacting the roof and requiring no
flashing;
said tube wider at said top than at said bottom;
a diffused dome disposed at and sealed at a top of said light tube;
a diffuser disposed at and sealed at a bottom of said light tube; and
said combination of said light tube, said top dome and said bottom diffuser
permanently sealed.

19. (Cancelled)

20. (Cancelled)

21. (Previously Presented): The skylight system of claim 18 wherein said diffused dome comprises a prismatic diffuser.

22. (Original): The skylight system of claim 18 wherein said bottom diffuser comprises complete diffusion on its interior.

23. (Original): The skylight system of claim 18 wherein said bottom diffuser comprises a prismatic diffuser.

24. (Original): The skylight system of claim 18 wherein said top dome comprises a notch system and said light tube is disposed within said notch system.

25. (Original): The skylight system of claim 18 wherein said bottom diffuser comprises a notch system and said light tube is disposed within said notch system.

26. (Original): The skylight system of claim 24 wherein said notch system further comprises a gasket.

27. (Original): The skylight system of claim 25 wherein said notch system further comprises a gasket.

28. (Original): The skylight system of claim 18 wherein said light tube further comprises a reflective interior.

29. (Original): The skylight system of claim 18 wherein a back of said top of said light tube is higher than a front of said top of said light tube.

30. (Currently Amended): A method of assembly of a skylight system on a roof comprising:
providing a skylight system comprising a ~~rectilinear~~, tapered light tube, straight-sided along its entire length, with a top and a bottom and integral sides;
the light tube wider at the top than at the bottom;
disposing a diffuser to the light tube at the bottom of the light tube;
cutting a hole in the roof;
lowering the skylight system through the hole in the roof;
contacting the tube directly with the roof using no flashing;
stopping the lowering of the skylight system at a roof intersect thereby
sealing said light tube with the roof;
and disposing a completely diffused dome atop the light tube.

31. (Previously Presented): The method of claim 30 wherein providing a tapered light tube comprises the top of the tapered light tube being wider than the bottom of the light tube; and
wherein lowering the skylight system through the roof comprises lowering the skylight system until the roof stops the tapered light tube at the portion where the light tube taper is a same size as the roof hole.

32. (Previously Presented): The method of claim 30 wherein disposing a diffuser to the light tube comprises permanently sealing the diffuser to the light tube; and

wherein disposing a dome atop the light tube comprises permanently sealing the dome atop the light tube;

resulting in a permanently sealed skylight system.

33. (Previously Presented): The method of claim 30 wherein disposing the dome atop the light tube comprises providing a dome with a notch system and disposing the light tube within the notch system.

34. (Previously Presented): The method of claim 30 wherein disposing the diffuser at the bottom of the light tube comprises providing a diffuser with a notch system and disposing the light tube within the notch system.

35. (Previously Presented): The skylight system of claim 10 wherein said tapered light tube comprises a desiccant and an inert gas disposed therein.

36. (Previously Presented): The skylight system of claim 18 wherein said light tube comprises a desiccant and an inert gas disposed therein.

37. (Previously Presented): The method of claim 30 further comprising adhering the light tube to the roof.

38. (Previously Presented): The skylight system of claim 1 wherein said skylight comprises a dome.

39. (Previously Presented): The skylight system of claim 1 further comprising a diffuser at said bottom.

40. (Previously Presented): The skylight system of claim 1 wherein said light tube comprises direct contact with the roof with no flashing required.

41. (Previously Presented): The skylight system of claim 18 wherein said dome comprises a diffused dome.

42. (Previously Presented): The skylight system of claim 41 wherein said dome comprises a completely diffused dome on its interior.

43. (Cancelled)

44. (Cancelled)

45. (Previously Presented): The skylight system of claim 3 wherein said diffused dome comprises a manufactured randomly diffused dome.

46. (Previously Presented): The skylight system of claim 18 wherein said diffused dome comprises a manufactured randomly diffused dome.

47. (Previously Presented): The method of claim 30 wherein disposing a completely diffused dome atop the light tube comprises disposing a manufactured completely and randomly diffused dome atop the light tube.